Lab ID : CP-RW-2017-09-18-01 **Date: 19-09-17**

Sample ID No : 2017-09-18-01-01

AFTER EXTRACTION(Trail-1)

Weight of Sample : 480 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	18	18	3.75	96.3	90-100
19	52	70	14.58	85.4	71-95
13.2	61	131	27.29	72.7	56-80
4.75	108	239	49.79	50.2	38-54
2.36	88	327	68.13	31.9	28-42
0.3	72	399	83.13	16.9	7-21
0.075	65	464	96.67	3.3	2-8

AFTER EXTRACTION(Trail-2)

Weight of Sample : 481 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	19	19	3.95	96.0	90-100
19	52	71	14.76	85.2	71-95
13.2	68	139	28.90	71.1	56-80
4.75	118	257	53.43	46.6	38-54
2.36	81	338	70.27	29.7	28-42
0.3	91	429	89.19	10.8	7-21
0.075	38	467	97.09	2.9	2-8

Note:-

The results pertain to the samples received and tested.
All information furnished by the Customer/ Representative.
Any correction in the report will make this report invalid.
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Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

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PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS CONCRETE

Lab ID	:	**CP-RW-2017-09-16-01** **Date: 19-09-17**
Customer	:	Asisstant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to MEI layout 4th A Cross, 4th and 5th main 6th main and other cross roads at Bagalagunte in ward No.14
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference	:	BBMP/EE/DD/WO/038/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-09-17
Sample ID No	:	2017-09-16-01/01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	16-09-17

Table 500-16 : Physical Requirements fo Coarse Aggregate for Bituminous Concrete

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	13.8	Combined Flakiness & Elongation Index for BC is Maximum 35%	IS:2386 Part I
	Elongation Index	11.1		
Strength	Aggregate Impact Value	23.8	Maximum 24%	IS:2386 Part IV
Specific gravity	Specific gravity	2.58	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.32	Maximum 2%	IS:2386 Part III

Note:

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R KARTHIK RECHAN
Authorized Signatory
Quallity Manager

Prepared By:
Harshitha

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ಬೆಂಗಳೂರು

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TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-09-16-01**	**Date: 18-09-17**
Customer	:	Asisstant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to MEI layout 4th A Cross, 4th and 5th main 6th main and other cross roads at Bagalagunte in ward No.14	
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.	
Customer Reference	:	BBMP/EE/DD/WO/038/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	16-09-17	
Sample ID No	:	2017-09-16-01/01	
Type of Mix	:	BC-Plant (Bituminous Concrete)	
Date of test	:	16-09-17	
Oven Dry Weight	:	5000	Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	85	85	1.7	98.3	90-100
9.5	705	790	15.8	84.2	70-88
4.75	890	1680	33.6	66.4	53-71
2.36	585	2265	45.3	54.7	42-58
1.18	477	2742	54.8	45.2	34-48
0.6	504	3246	64.9	35.1	26-38
0.3	521	3767	75.3	24.7	18-28
0.15	488	4255	85.1	14.9	12-20
0.075	341	4596	91.9	8.1	4-10
PAN	404	5000	100	0.0	0

Note:
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Prepared By:
Harshitha

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R KARTHIK RECHAN
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Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

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